



304871

United States Environmental Protection Agency  
Pollution Report

## I. HEADING

DATE: February 14, 1997

SUBJECT: Pollution Report for the Dayton Electroplate Site, Dayton,  
Montgomery County, Ohio.FROM: Steve Renninger, OSC, U.S. EPA, Region V ERB,  
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POLREP NO. 4

## II. BACKGROUND

Site No:	A562
Response Authority:	CERCLA
NPL Status	None
Start Date:	January 3, 1997
Completion Date:	TBD
Latitude:	39'46.724" North
Longitude:	84'9.762" West
CERCLA Incident Category:	Removal

## III. SITE INFORMATION

A. Background:

- Refer to POLREP 1 for site background information.

#### B. Site Location/Description

- The DE site is located at 1030 Valley Street, Montgomery County, Ohio. The DE site is located in an industrial/residential area within the northeast area of Dayton, Ohio. The DE site occupies approximately 4 acres bordered by Valley Street and State Route 4. The DE site includes two site buildings covering 60,000 square feet and four separate plating lines.

### IV. RESPONSE INFORMATION

#### A. Current Situation:

- Abandoned wastes on-site include acids, cyanide, caustics, flammable liquids and mercury. Site security was initiated on January 3, 1997 due to vandalism and trespassing. On January 9, 1997, the Superfund Technical Assessment and Response Team (START) with assistance from the ERCS contractor initiated sampling and documentation of all wastes on site. Hazard categorization began on January 20, 1997, and was completed on January 24, 1997. An ERCS crew was mobilized on February 4, 1997 to begin containing the wastes and preparing them for transportation and disposal off-site.

#### B. Actions Taken:

- February 3, 1997 - OSC, START, and ERCS move back to site to establish wastestreams using sample and hazard categorization data. The ERCS T&D Coordinator is on site to collect wastestream profile samples for disposal facilities. The safety plan was amended so that hot zone work could be performed in level C protection wearing hydrogen cyanide detectors.
- February 4, 1997 - Completed collecting profile samples. A 4000 gallon Baker tank was mobilized for acid liquids and rolloff boxes for F007 and F008 debris.
- February 5, 1997 - Profile samples were shipped to disposal facilities. All vats and drums were color coded to identify them by wastestream. Four non-PCB transformers were sent for recycling to S.D. Myers, Akron, Ohio.

- February 6, 1997 - Virgin product drums of acids and caustics were moved into the south end of building 3. A twenty yard rolloff box containing filter cake was moved from the water treatment area into the north yard of the site.
- February 7, 1997 - A profile sample was collected from the rolloff containing filter cake and shipped to disposal facilities. Initiated cutting up empty drums and placing into a rolloff box for disposal. Drums containing cyanide solids were consolidated into two drums. Empty laboratory containers were placed into the rolloff. The lab contains eleven bottles containing various mercury compounds that will be labpacked.
- February 8 and 9, 1997 - Site was shut down for the weekend. Twenty-four hour site security remained on site.
- February 10, 1997 - Initiated flammable liquid consolidation into 55-gallon drums. A second Baker tank was mobed to site and acid liquids began to be pumped. Empty drums continued to be destroyed.
- February 11, 1997 - Continued pumping acid liquids into Baker tanks. Completed consolidating flammable liquids and started on flammable solids.
- February 12, 1997 - Continued pumping acid liquids into Baker tanks. Completed consolidating flammable solids. Began thawing out neutral liquid tanks in the water treatment area and cleaning up debris in building 1. A rolloff box of F007 and F008 debris was transported off site for disposal.
- February 13, 1997 - Completed pumping all of the acid liquids. Completed consolidating the caustic solid and oxidizing solid wastestreams. Debris boxes continued to be filled.
- February 14, 1997 - Approximately 18,000 gallons of base neutral liquid was transported off site for disposal to Dynecol.

#### C. Next Steps:

- Continue 24-hour site security.
- February 14 - February 19, 1997: Limited on-site work scheduled.

- Mobilize back to site on February 20, 1997 to continue T&D of wastes.

D. Key Issues:

- Wastes on site include chromic acid liquid (8,300 gallons), caustic liquid (72,000 gallons), and base neutral liquid (40,000 gallons).

V. COST INFORMATION

- Estimated costs as of February 13, 1997:

	Budget	Cost to Date	Remaining
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Smith Technology	500,000	127,895	372,105
START	50,500	13,785	36,715
EPA Direct	39,600	19,333	20,267
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Total	590,100	161,013	429,087